(19) World Intellectual Property Organization

International Bureau





(43) International Publication Date 14 July 2005 (14.07.2005)

PCT

(10) International Publication Number WO 2005/064430 A1

(51) International Patent Classification⁷:

G06F 1/00

(21) International Application Number:

PCT/EP2003/014969

(22) International Filing Date:

30 December 2003 (30.12.2003)

(25) Filing Language:

English

(26) Publication Language:

English

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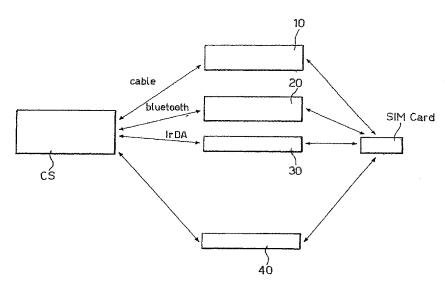
- (81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (regional): ARIPO patent (BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Declarations under Rule 4.17:

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[Continued on next page]

(54) Title: METHOD AND SYSTEM FOR THE CIPHER KEY CONTROLLED EXPLOITATION OF DATA RESOURCES, RELATED NETWORK AND COMPUTER PROGRAM PRODUCTS



(57) Abstract: An arrangement for the cipher controlled exploitation of data resources (e.g. securely storing and retrieving sensitive data or securely registering and logging on a computer system) includes the steps of: providing a subscriber identity module (SIM) carrying a security algorithm; generating at least one, e.g. two, random value (RAND1, RAND2); subjecting the random value (RAND1, RAND2) to the at least one security algorithm to generate at least one, e.g., two, session key (Kc1, Kc2); processing the session key (Kc1, Kc2) via a mixer function (h) such as a hash function to produce a cipher key; and using the cipher key (K) thus produced for exploiting the data resources.

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MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW, ARIPO patent (BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG)

— of inventorship (Rule 4.17(iv)) for US only

Published:

with international search report

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